

## ASEC Program Requirements

Each applicant is asked to sign a letter of commitment to the following tasks for the 2005-2006 school year:

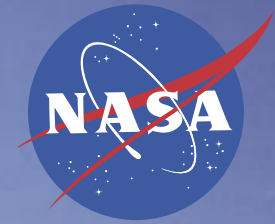
- Full attendance and participation in the Summer Institute.
- Classroom use of one or more AETT products in its entirety.
- A 30-minute presentation to the teaching community, such as a staff meeting or department meeting.
- Active participation in the ASEC online community.
- Delivery of one or more workshops featuring hands-on, in-depth training for 2+ hours to reach a minimum of 15 educators.
- Delivery of one or more workshops at least 50 minutes in length to reach a minimum total of 60 teachers.
- Timely communication with program leaders if there are any changes in the teaching assignment or contact information before completing all workshop commitments.



**NASA Ames Research Center**  
Ames Education Technology Team

ASEC Program  
M.S. 226-4  
Moffett Field, CA 94035-1000

<http://quest.nasa.gov/projects/asec>



# Airspace Systems Education Cohort



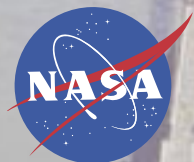
**Taking Teaching to New Heights**

NASA 853, a modified former NAVY F/A-18A fighter plane, performing research in the Active Aerolastic Wing project at NASA Dryden Flight Research Center, Edwards AFB, California

## ASEC Program Description

NASA Ames Research Center invites motivated and creative educators of grades 3–8 to apply to **become an elite member of a NASA peer-mentoring network**, the Airspace Systems Education Cohort (ASEC).

Educators selected for this opportunity will attend a three-day institute at NASA Ames Research Center, Moffett Field, CA in August, 2005. This institute will engage participants in scientific inquiry at the leading edge of education and technology and prepare the educators to share their experiences with their students and colleagues.



ASEC mentors will **work within the K–12 community to train other educators in the use of NASA's multimedia products** supporting math, science, and technology education—and to inspire the next generation of explorers as only NASA can.

The first formation flight of three EF-2 aircraft based at NASA Ames Research Center

## ASEC Eligibility

Applicants must meet the following requirements to be considered for the workshop:

- U.S. or Naturalized Citizen of the United States.
- Employed as a full-time classroom teacher, administrator, or instructional specialist in math, science, or technology education.
- 3 years of classroom teaching experience.
- Demonstrated ability and opportunity to conduct K–12 professional development workshops.



## ASEC Application Process

A downloadable application packet is available at:  
**<http://quest.nasa.gov/projects/asec>**

Applicants must provide basic information about themselves, their school/organization and the technology resources available. One letter of recommendation and a commitment statement from both the applicant and his or her supporting institution is also required.

All applications are to be postmarked on or before **March 21, 2005**.

*Participants will be notified by April 25, 2005*

## ASEC Program Benefits

The Airspace Systems Educator Cohort allows participants to receive many benefits, including:

- Expenses-paid participation in the three-day Institute hosted at NASA Ames Research Center at Moffett Field, CA. Interaction with program scientists, engineers, and associated educational programming in airspace systems and aeronautics. A tour of world-class research laboratories and facilities on base.
- Continuing education graduate credit.
- Year-long access to materials such as NASA educator guides, stickers, posters, bookmarks, CD-ROMs, and lithographs for classroom and workshop distribution.
- Opportunities to pilot-test, review, and influence the development of NASA Ames Educational Technology (AETT) Products.
- Press releases and media opportunities featuring participant and school/district.
- Membership to an online community in support of ASEC mentors and teacher workshop development.
- Continued opportunities for mentor professional development during the school year. Allows mentors to stay current with NASA research, ASEC program goals, and AETT product development.
- Recognition as an ASEC Fellow upon completion of requirements.
- Nationwide networking opportunities.